

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MAGNETIC HEAD DEVICE

上記発明の明細書（下記の欄でx印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

☐ 月 日に提出され、米国出願番号または特許協定条約国際出願番号を _____ とし、
（該当する場合） _____ に訂正されました。

☒ was filed on March 3, 1998
as United States Application Number or
PCT International Application Number
08/033,789 and was amended on
_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37篇第1条56項に定義されたとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration (日本語宣言書)

私は、米国法典第35篇119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一ヶ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)

外国での先行出願

48641/1997	JAPAN
(Number)	(Country)
(番号)	(国名)
321950/1997	JAPAN
(Number)	(Country)
(番号)	(国名)
49105/1998	JAPAN

私は、第35篇米国法典119条(e)項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.)
(出願番号)

(Filing Date)
(出願日)

私は、下記の米国法典第35篇120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づき権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35篇112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願を出発点として本出願書の日本国内または特許協力条約国際出願日までの期間中に入手された、連邦規則法典第37篇1.56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Application No.)
(出願番号)

(Filing Date)
(出願日)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じることに基づき表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18篇第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

優先権主張なし

04/03/1997	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
10/11/1997	<input type="checkbox"/>
(Day/Month/Year Filed)	
(出願年月日)	
02/03/1998	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)
(出願番号)

(Filing Date)
(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration (日本語宣言書)

委任状: 私は下記の発明者として、本出願に関する一切の手続きを米特許審判局に対して遂行する弁理士または代理人として、下記の者を指名いたします。(弁理士、または代理人の氏名及び登録番号を明記のこと)

Stephen H. Frishauf, Reg. No. 16,233; Leonard Holtz, Reg. No. 22,974; Herbert Goodman, Reg. No. 17,081; Thomas Langer, Reg. No. 27,264; Marshall J. Chick, Reg. No. 26,853; Richard S. Barth, Reg. No. 28,180; Douglas Holtz, Reg. No. 33,902; and Robert P. Michal, Reg. No. 35,614.

寄附金付元

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

Send Correspondence to:

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue - 25th Floor
New York, New York 10017

直接電話連絡先: (名前及び電話番号)

Direct Telephone Calls to: (name and telephone number)

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue - 25th Floor Tel.: (212) 319-4900
New York, New York 10017 Fax.: (212) 319-5101

唯一または第一発明者名

Full name of sole or first inventor

Masashi SHIRAISHI

発明者の署名

日付

Inventor's signature

Date

Masashi Shiraishi

March 13, 1998

住所

Residence 199-22, Mitsuzuka, Saku-shi,
Nagano-ken, JAPAN

国籍

Citizenship

JAPANESE

郵便番号

Post Office Address

Same as the above

第二共同発明者

Full name of second joint inventor, if any

Izumi NOMURA

第二共同発明者

日付

Second inventor's signature

Date

Izumi Nomura

March 13, 1998

住所

Residence 3-4-3C, Nishimizue, Edogawa-ku,
Tokyo, JAPAN

国籍

Citizenship

JAPANESE

郵便番号

Post Office Address

Same as the above

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration

	Full name of third joint inventor, if any Tsutomu AOYAMA
日付	Third Inventor's signature Date <i>Tsutomu Aoyama</i> March 13, 1998
住所	Residence 2-19-18, Minamioono, Ichikawa-shi, Chiba-ken, JAPAN
国籍	Citizenship JAPANESE
郵便の宛先	Post Office Address Same as the above

	Full name of fourth joint inventor, if any Isamu SATO
日付	Fourth Inventor's signature Date <i>Isamu Sato</i> March 13, 1998
住所	Residence 7-24-6, Shakujiidai, Nerima-ku, Tokyo, JAPAN
国籍	Citizenship JAPANESE
郵便の宛先	Post Office Address Same as the above

	Full name of fifth joint inventor, if any Masanori SAKAI
日付	Fifth Inventor's signature Date <i>Masanori Sakai</i> March 13, 1998
住所	Residence 4108-1584, Miyota, Miyotamachi, Kitasaku-gun, Nagano-ken, JAPAN
国籍	Citizenship JAPANESE
郵便の宛先	Post Office Address Same as the above

	Sixth Inventor's signature Date Tsuyoshi UMEHARA March 13, 1998
日付	Full name of sixth joint inventor, if any <i>Tsuyoshi Umebara</i>
住所	Residence TDK Kinka Dormitory, 2084, Nakagomi, Ooaza, Saku-shi, Nagano-ken, JAPAN
国籍	Citizenship JAPANESE
郵便の宛先	Post Office Address Same as the above

(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration

	Full name of 7th joint inventor, if any Kenichi TAKANO
日付	7th Inventor's signature <i>Kenichi Takano</i> Date March 13, 1998
住所	Residence Forble Wakamiya 202, 1917-6, Iwamura-da, Saku-shi, Nagano-ken, JAPAN
国籍	Citizenship JAPANESE
郵便の宛先	Post Office Address Same as the above

	Full name of 8th joint inventor, if any Haruyuki MORITA
日付	8th Inventor's signature <i>Haruyuki Morita</i> Date March 13, 1998
住所	Residence 1937-5, Mikage-Shinden, Komoro-shi, Nagano-ken, JAPAN
国籍	Citizenship JAPANESE
郵便の宛先	Post Office Address Same as the above

	Full name of 9th joint inventor, if any
日付	9th Inventor's signature Date
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

	10th Inventor's signature Date
日付	Full name of 10th joint inventor, if any
住所	Residence
国籍	Citizenship
郵便の宛先	Post Office Address

(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Masashi SHIRAISHI et al
Serial No. : To be assigned (Division of
USSN 09/033,789 filed
March 3, 1998)
Filed : Concurrently herewith
For : MAGNETIC HEAD DEVICE
Art Unit :
Examiner :

SUPPLEMENTAL DECLARATION

This application is entitled to the benefit of the filing of an original earlier filed United States application.

As a below-named inventor in the above-identified application, I declare that the subject matter of the claims, as filed with this application, was part of my invention and was invented before the filing of the original earlier filed application.

Acknowledgement of Review of Papers and Duty of Candor

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims of this application referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

Haruyuki Morita.
Haruyuki MORITA



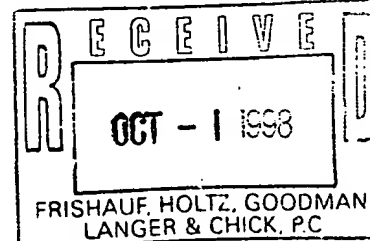
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 25, 1998

PTAS
FRISHAUF, HOLTZ, GOODMAN, LANGER, ET AL
THOMAS LANGER
767 THIRD AVENUE, 25TH FLOOR
NEW YORK, NEW YORK 10017-2023



100768805A



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/23/1998

REEL/FRAME: 9312/0832
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHIRAISHI, MASASHI

DOC DATE: 03/13/1998

ASSIGNOR:

NOMURA, IZUMI

DOC DATE: 03/13/1998

ASSIGNOR:

AOYAMA, TSUTOMU

DOC DATE: 03/13/1998

ASSIGNOR:

SATO, ISAMU

DOC DATE: 03/13/1998

ASSIGNOR:

SAKAI, MASANORI

DOC DATE: 03/13/1998

ASSIGNOR:

UMEHARA, TSUYOSHI

DOC DATE: 03/13/1998

ASSIGNOR:

TAKANO, KENICHI

DOC DATE: 03/13/1998



ASSIGNOR:
MORITA, HARUYUKI

DOC DATE: 03/13/1998

ASSIGNEE:
TDK CORPORATION
13-1, NIHONBASHI 1-CHOME, CHUO-KU
TOKYO 103, JAPAN

SERIAL NUMBER: 09033789
PATENT NUMBER:

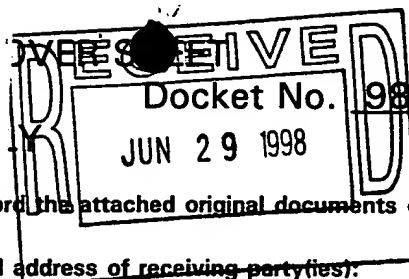
FILING DATE: 03/03/1998
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

7-21-1998



100768805



6/23/98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Masashi SHIRAISHI
 Izumi NOMURA
 Tsutomu AOYAMA
 Isamu SATO
 Masanori SAKAI
 Tsuyoshi UMEHARA
 Kenichi TAKANO
 Haruyuki MORITA

2. Name and address of receiving party(ies):

TDK CORPORATION
 of: 13-1, Nihonbashi 1-Chome, Chuo-Ku, Tokyo 103, Japan

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): All on March 13, 1998.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is as follows:

Execution Date(s): All on March 13, 1998.

A. Patent Application No. (s)

B. Patent No.(s)

09/033,789 filed March 3, 1998

5. Name and address of party to whom correspondence concerning document should be mailed:

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
 767 Third Avenue, 25th Floor
 New York, New York 10017-2023

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

07/20/1998 DC000051 09033789

01 FC:581

40.00 OP

[] Amount included with filing fee attached hereto.

[X] Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: June 23, 1998

By:

Thomas Langer
 Reg. No. 27,264

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date noted below.

Attorney: Thomas Langer

Dated: June 23, 1998

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

MAGNETIC HEAD DEVICE

sell and assign to TDK CORPORATION

a corporation of JAPAN

having a business address at 13-1, Nihonbashi 1-Chome, Chuo-Ku, Tokyo 103, JAPAN

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.: 08/033,789 FILING DATE: March 3, 1998

Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE		DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Masashi Shiraishi</i>	Date: March 13, 1998	Post Office Address: 199-22, Mitsuzuka, Saku-shi, Nagano-ken, JAPAN	
Type: Masashi SHIRAISHI	Witness: <i>Izumi Kato</i>		
Sign: <i>Izumi Nomura</i>	Date: March 13, 1998	Post Office Address: 3-4-3C, Nishimizue, Edogawa-ku, Tokyo, JAPAN	
Type: Izumi NOMURA	Witness: <i>Satoshi Kosakai</i>		
Sign: <i>Tsutomu Aoyama</i>	Date: March 13, 1998	Post Office Address: 2-19-18, Minamioono, Ichikawa-shi, Chiba-ken, JAPAN	
Type: Tsutomu AOYAMA	Witness: <i>Satoshi Kosakai</i>		

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023
Tel. No.: (212) 319-4900 Fax No.: (212) 319-5101

ASSIGNMENT

INVENTOR-SIGNATURE		DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Isamu Sato</i> <i>Isamu Sato</i>	Date: March 13, 1998	Post Office Address: 7-24-6, Shakujiidai, Nerima-ku, Tokyo, JAPAN	
Type: Isamu SATO	Witness: <i>Satoshi Kosaki</i>		
Sign: <i>Masanori Sakai</i>	Date: March 13, 1998	Post Office Address: 4108-1584, Miyota, Miyotamachi, Kitasaku-gun, Nagano-ken, JAPAN	
Type: Masanori SAKAI	Witness: <i>Izumi Kato</i>		
Sign: <i>Tsuyoshi Umebara</i>	Date: March 13, 1998	Post Office Address: TDK Kinka Domitory, 2084, Nakagomi, Ooaza, Saku-shi, Nagano-ken, JAPAN	
Type: Tsuyoshi UMEHARA	Witness: <i>Izumi Kato</i>		
Sign: <i>Ken-ichi Takano</i>	Date: March 13, 1998	Post Office Address: Forble Wakamiya 202, 1917-6, Iwamurada, Saku-shi, Nagano-ken, JAPAN	
Type: Kenichi TAKANO	Witness: <i>Izumi Kato</i>		
Sign: <i>Haruyuki Morita</i>	Date: March 13, 1998	Post Office Address: 1937-5, Mikage-Shinden, Komoro-shi, Nagano-ken, JAPAN	
Type: Haruyuki MORITA	Witness: <i>Izumi Kato</i>		
Sign:	Date:	Post Office Address:	
Type:	Witness:		
Sign:	Date:	Post Office Address:	
Type:	Witness:		
Sign:	Date:	Post Office Address:	
Type:	Witness:		
Sign:	Date:	Post Office Address:	
Type:	Witness:		